

The graph illustrates the mechanical behavior of a material under stress. The vertical axis represents Stress, and the horizontal axis represents Strain. The initial linear portion of the curve is labeled 'Linear Behavior'. Following this, the material enters a plateau region, which is divided into an 'Upper Stress Plateau' and a 'Lower Stress Plateau'.

# Figure 1

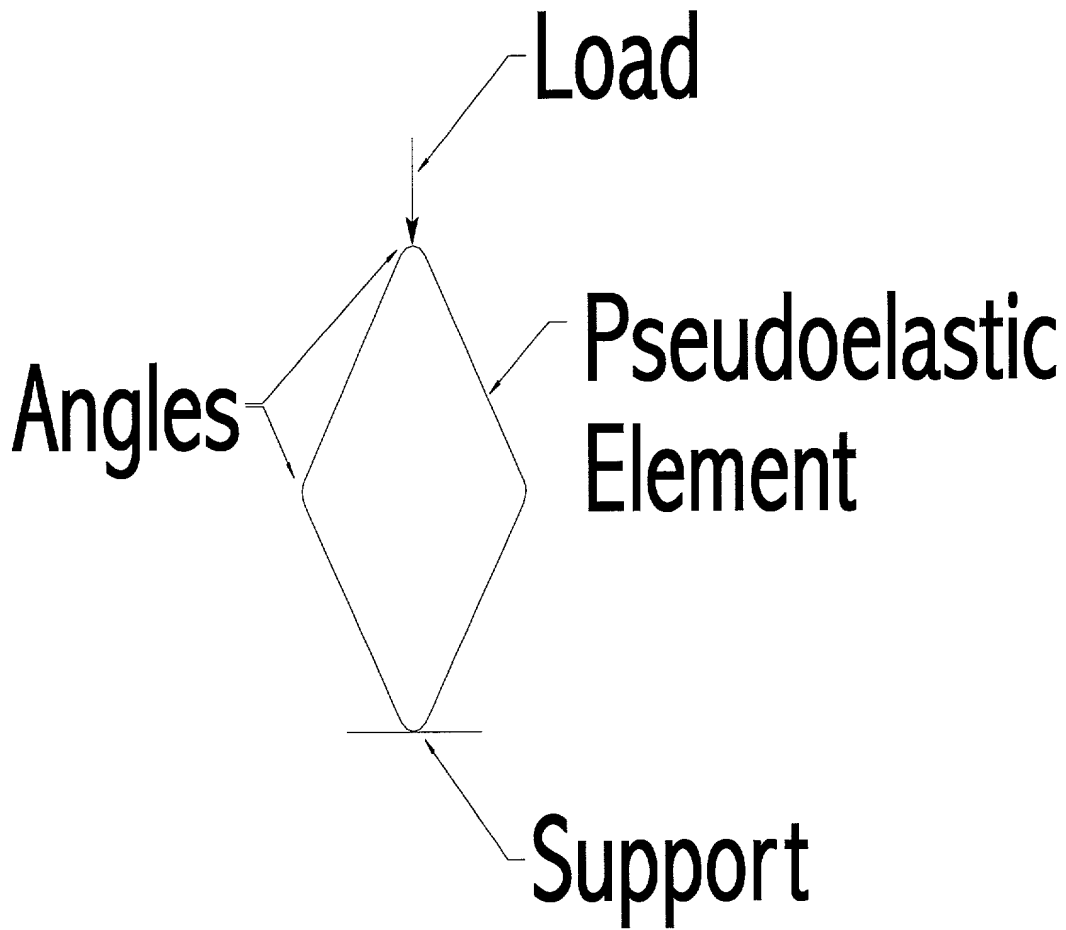


Figure 2

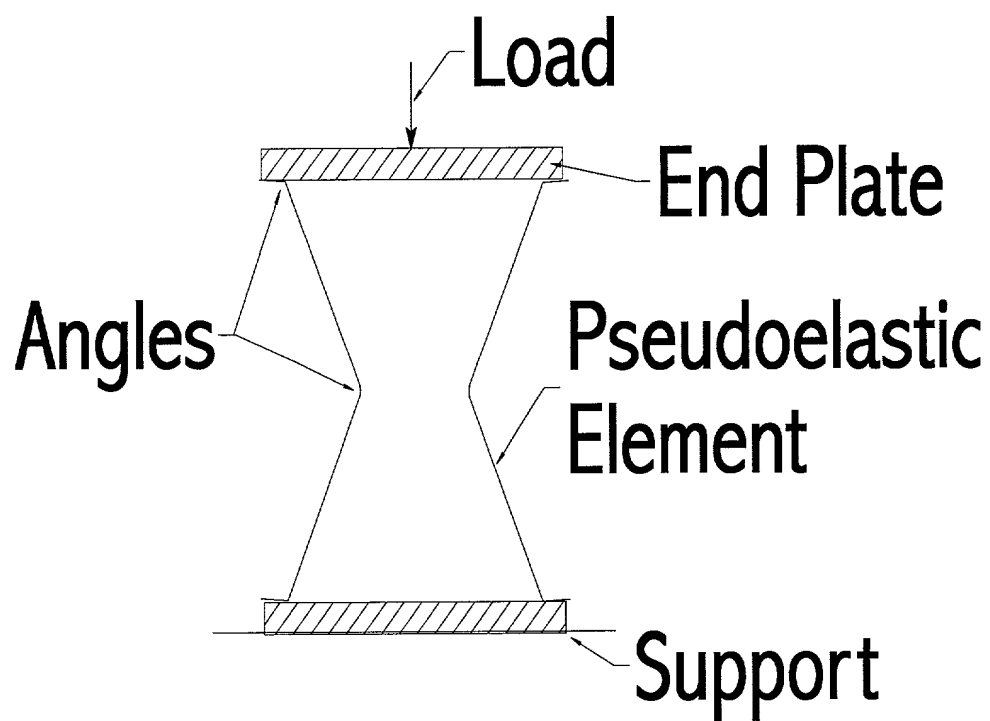


Figure 3

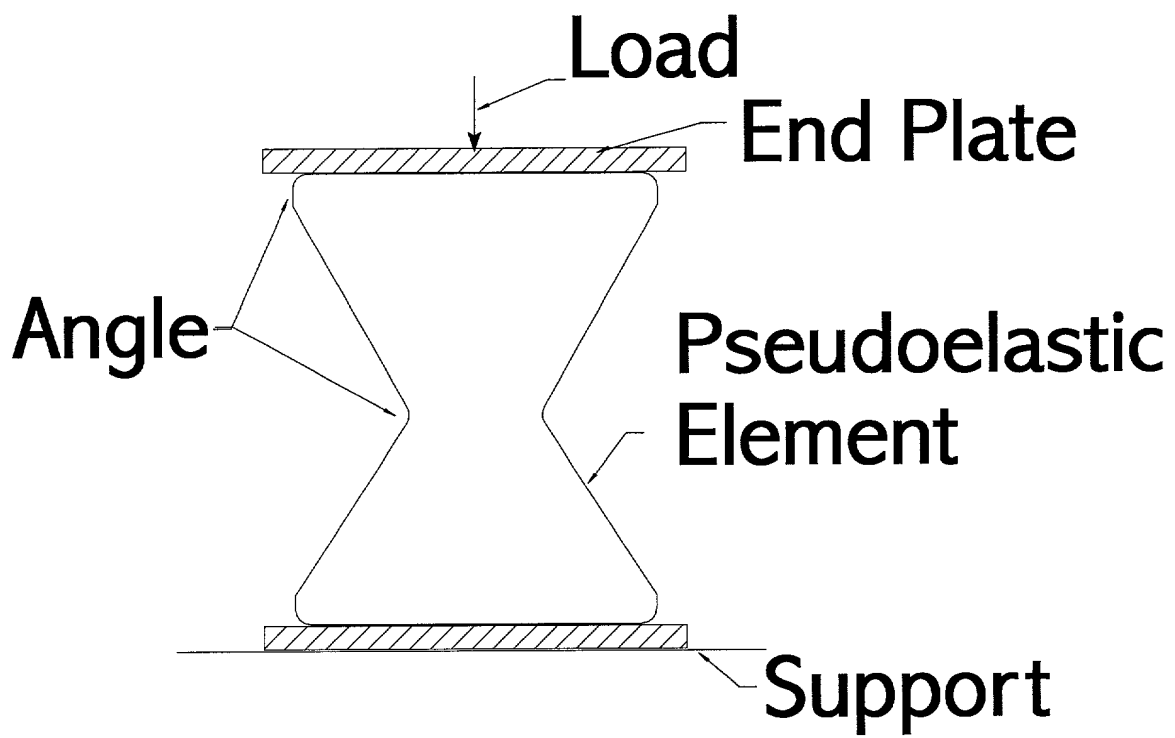


Figure 4

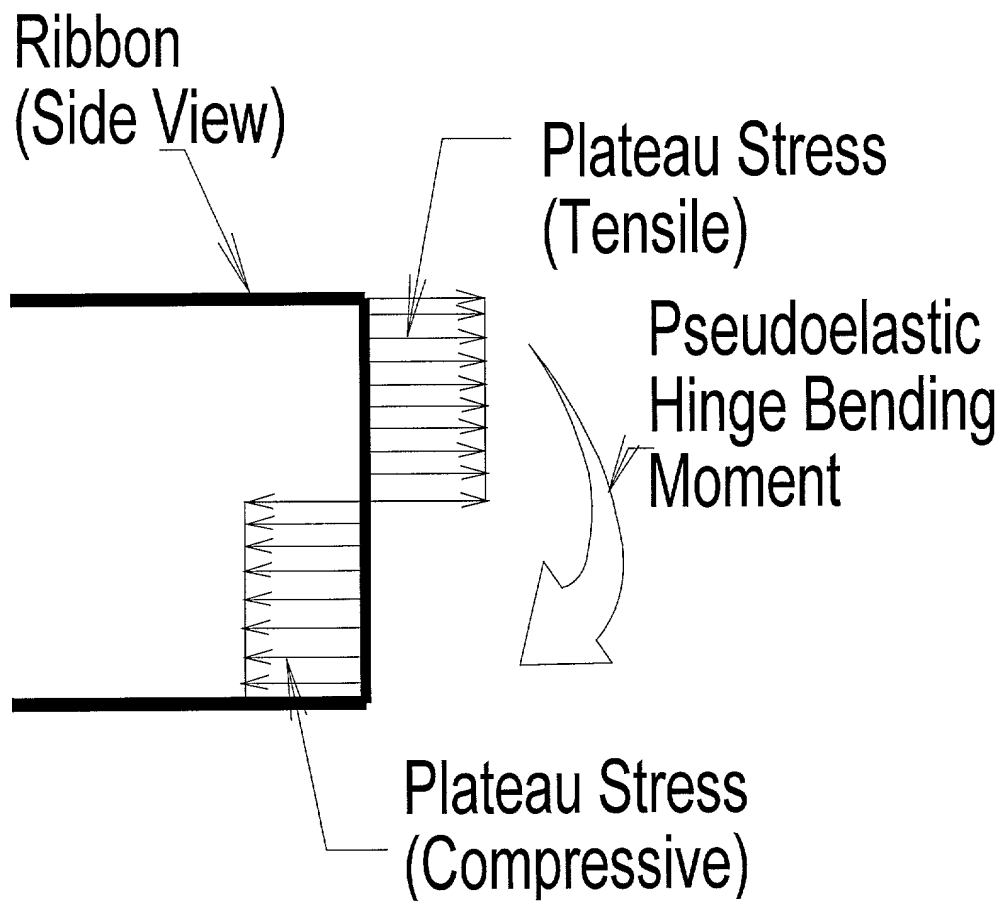


Figure 5

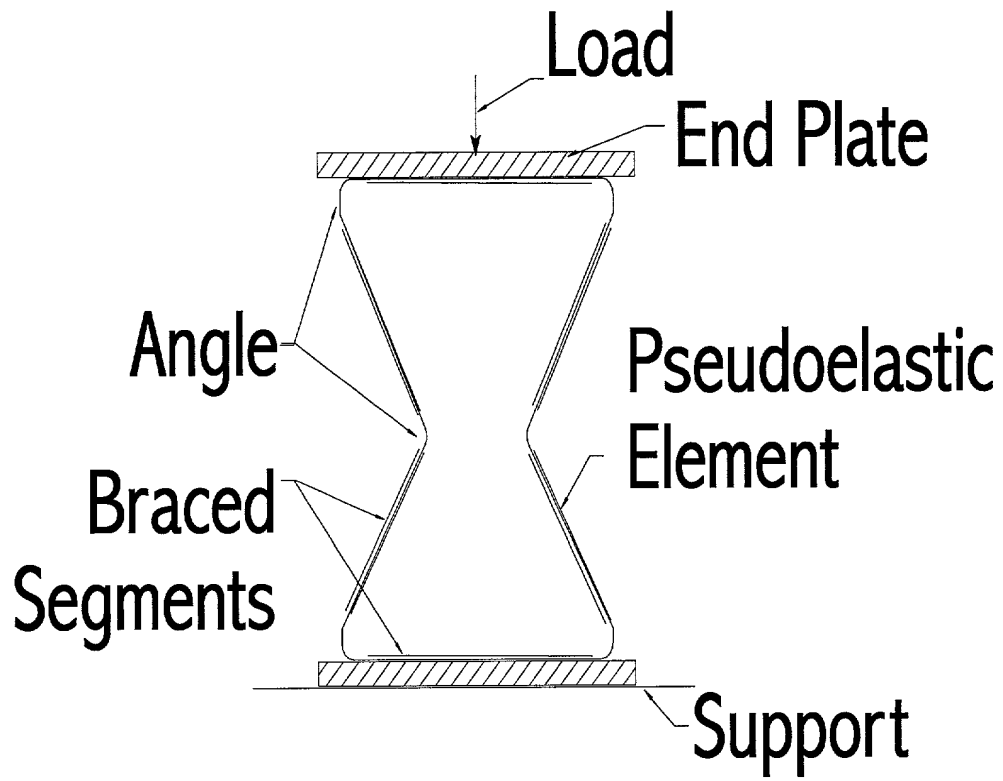


Figure 6

# Figure 7

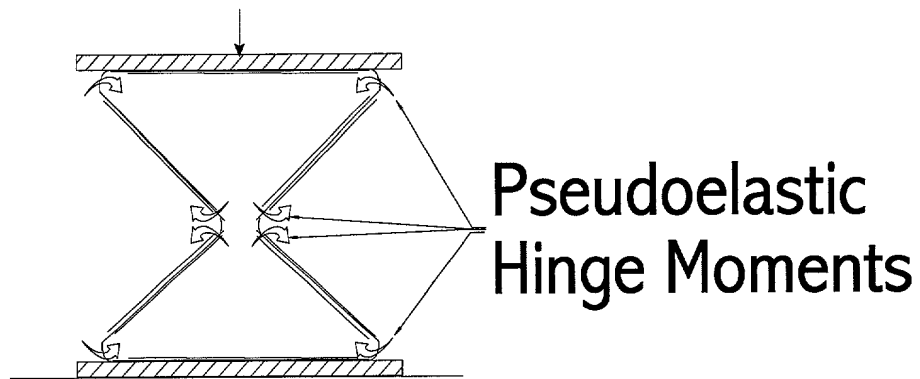


Figure 8



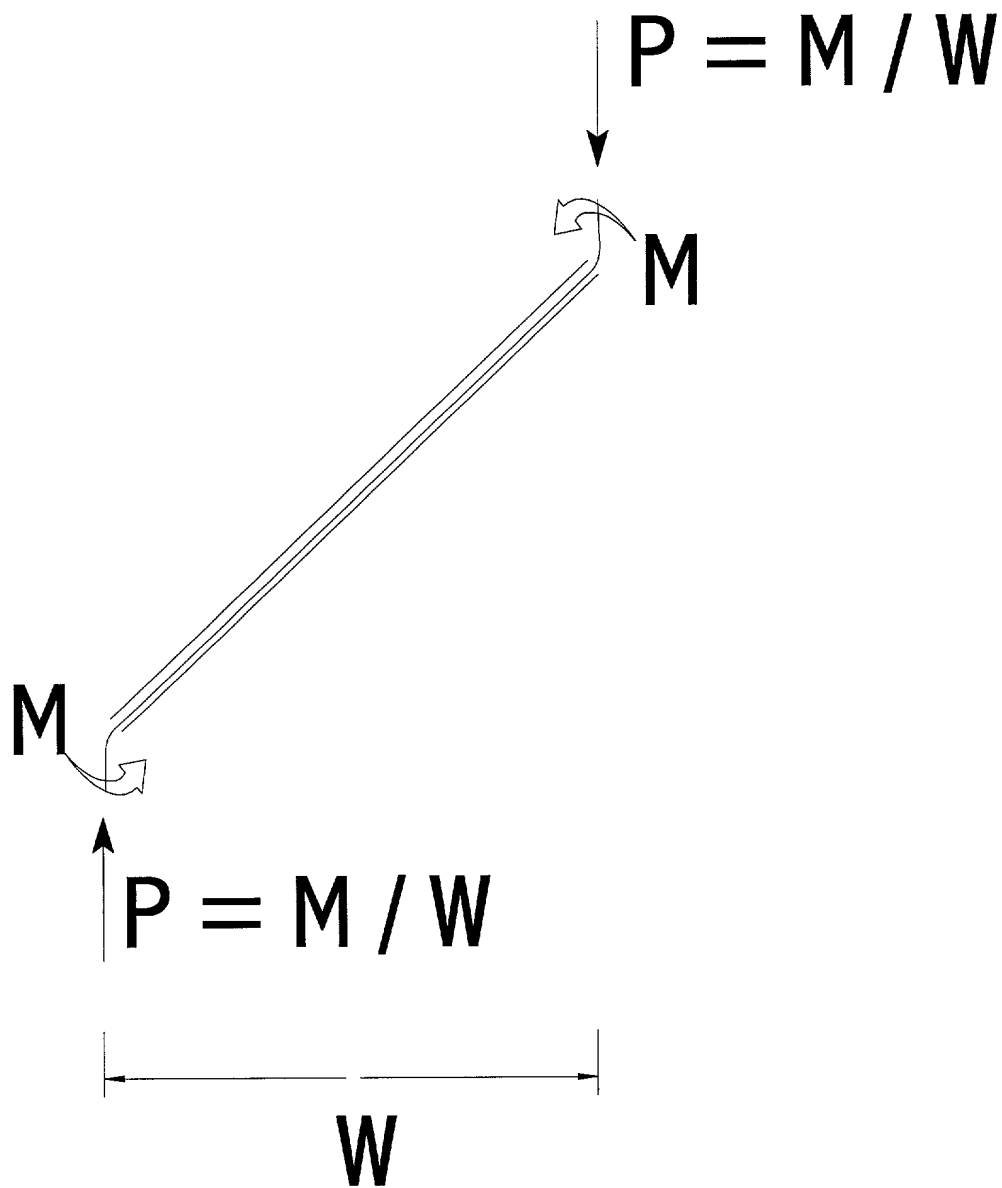


Figure 9

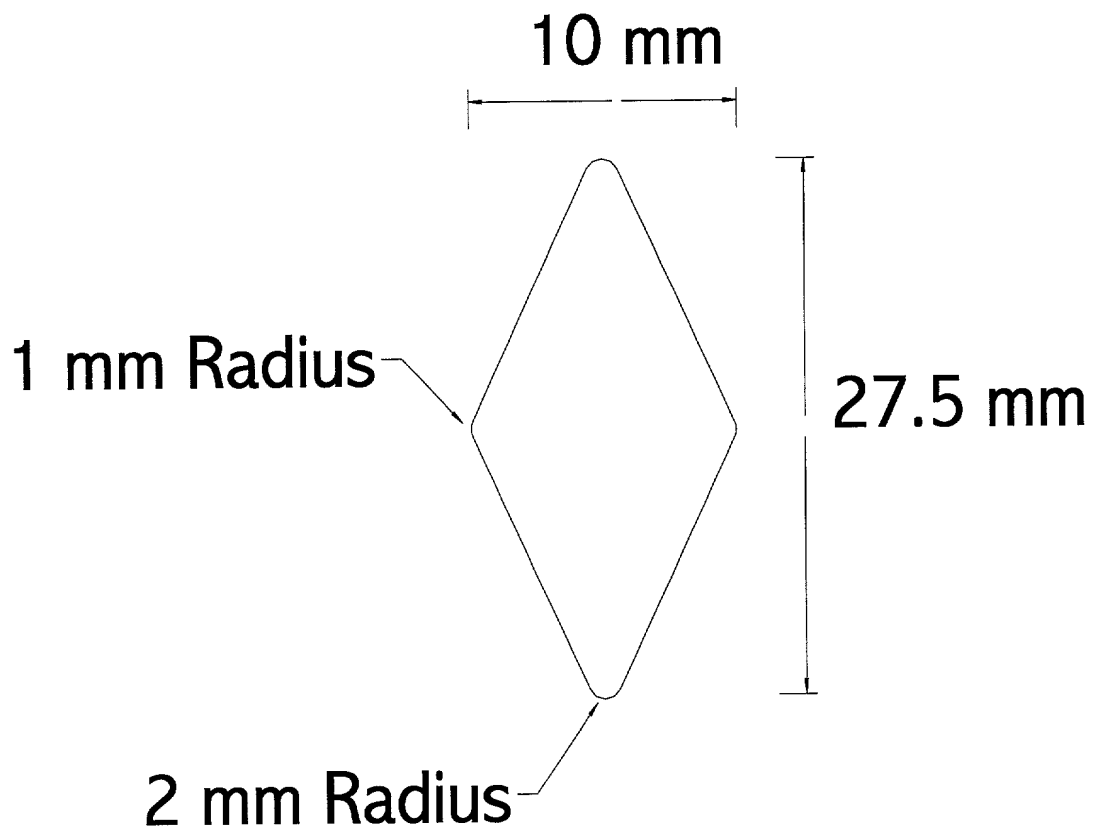


Figure 10

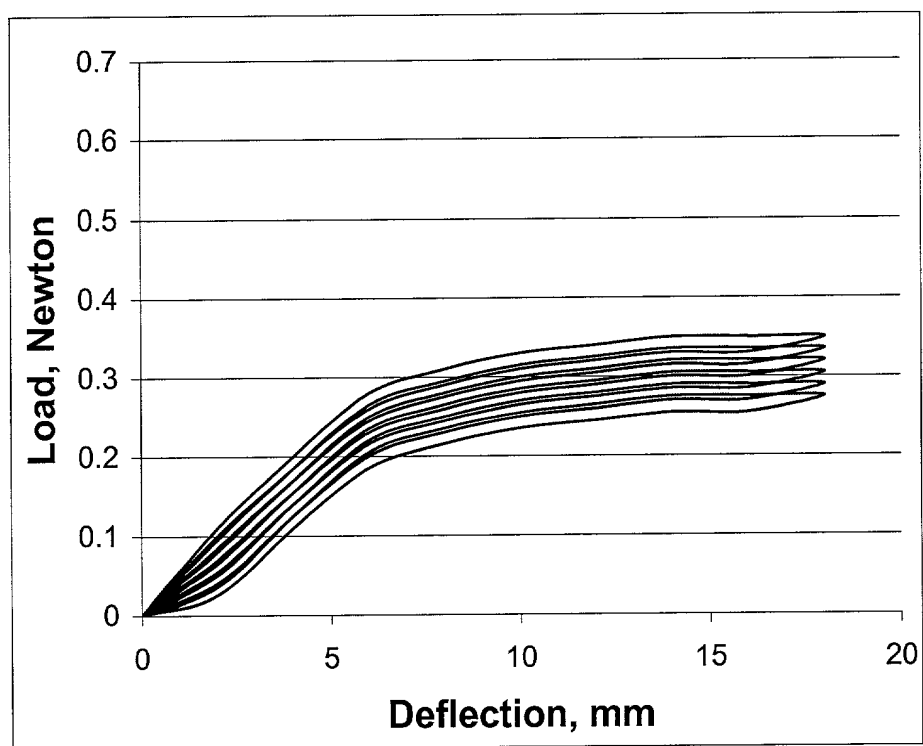


Figure 11

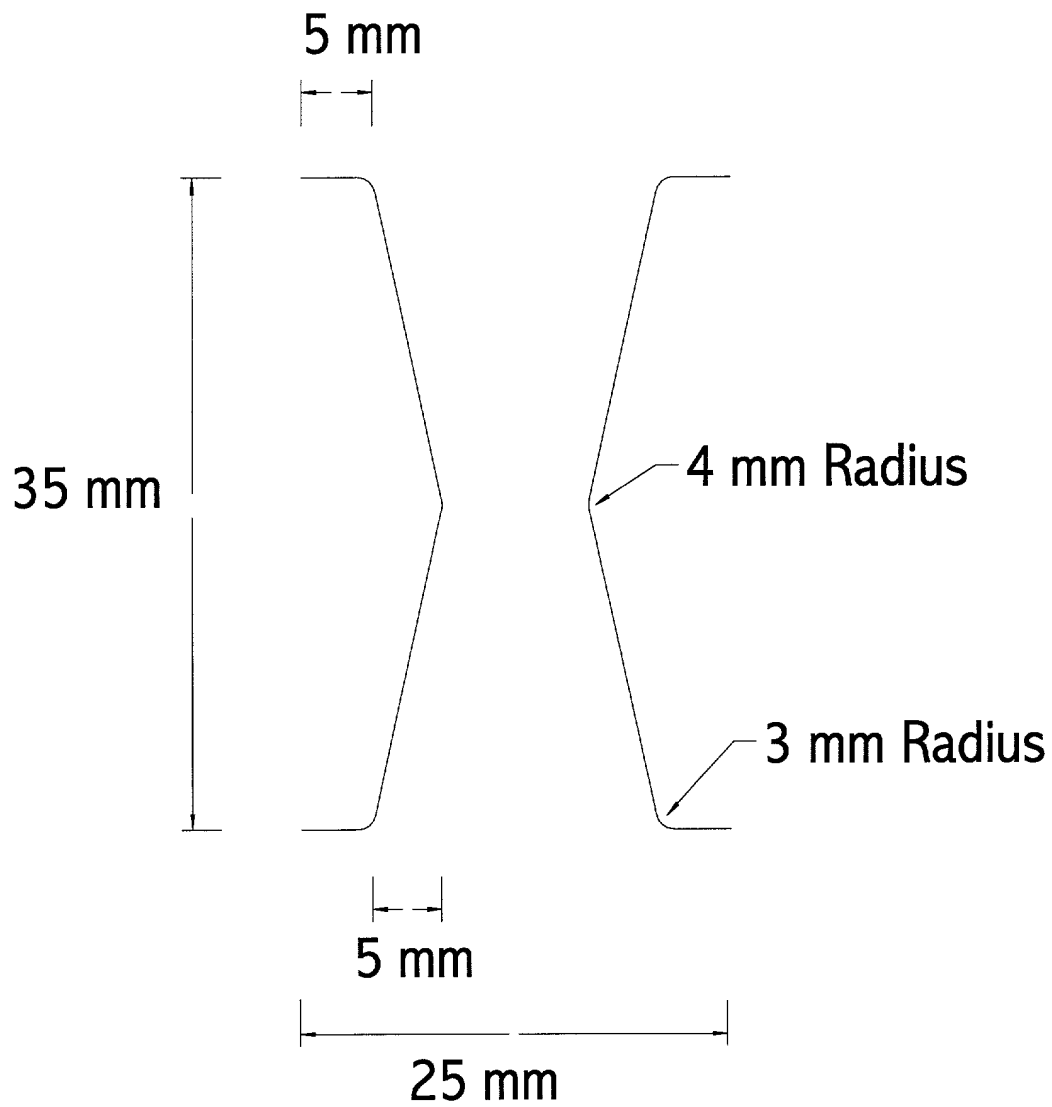


Figure 12

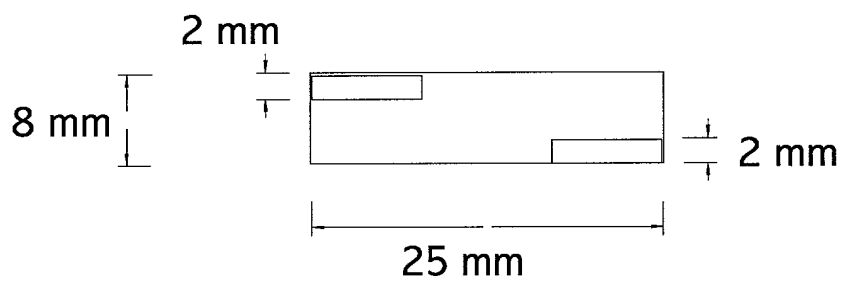
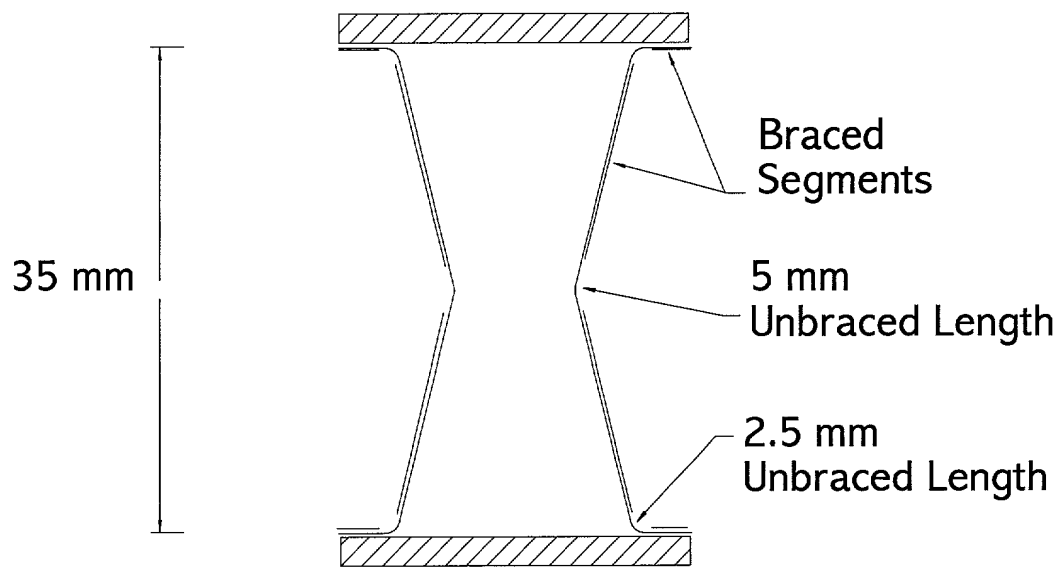


Figure 13

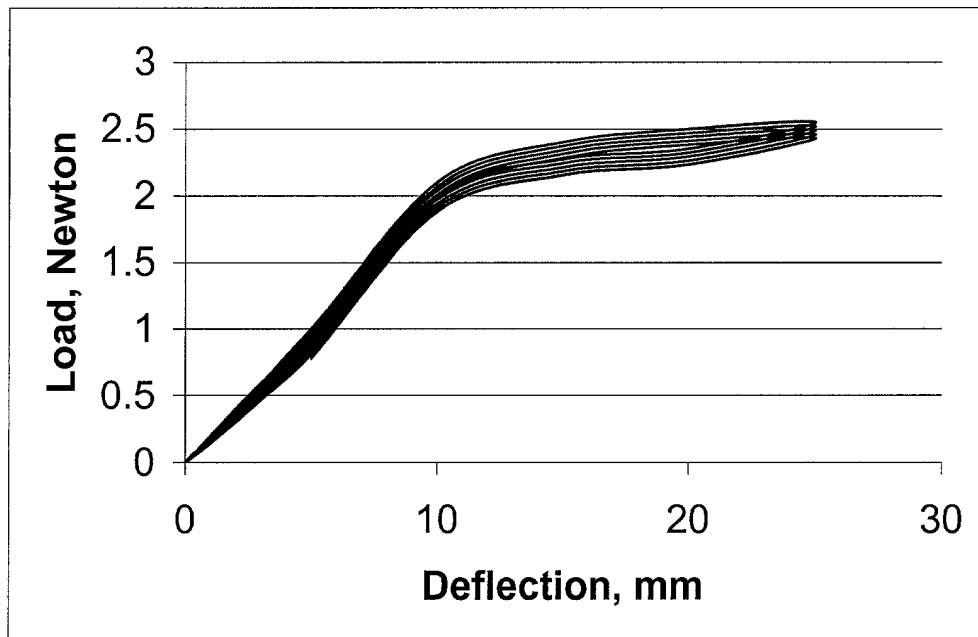


Figure 14